

Express Mail Label No. EE355009974US

**UTILITY PATENT APPLICATION TRANSMITTAL**

(Large Entity)

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Docket No.

POU9-2000-0045-U001

**TO THE ASSISTANT COMMISSIONER FOR PATENTS****Box Patent Application****Washington, D.C. 20231**

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

High Speed Software Driven Emulator Comprised of a Plurality of Emulation Processors With Improved Board-to-Board Interconnection Cable Length Identification System

and invented by:

William F. BEAUSOLEIL, R. Bryan COOK, Tak-kwong NG, Helmut ROTH,  
Peter TANNENBAUM, Lawrence A. THOMAS, and Norton J. TOMASSETTI

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 12 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☒ Cross References to Related Applications (*if applicable*)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (*if applicable*)
  - d. ☐ Reference to Microfiche Appendix (*if applicable*)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (*if drawings filed*)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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Docket No.

POU9-2000-0045-US1

**Application Elements (Continued)**3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)a. ☐ Formal Number of Sheets \_\_\_\_\_b. ☒ Informal Number of Sheets 24. ☒ Oath or Declarationa. ☒ Newly executed (original or copy) ☐ Unexecutedb. ☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)c. ☐ With Power of Attorney ☐ Without Power of Attorneyd. ☐ DELETION OF INVENTOR(S)

Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference (usable if Box 4b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated herein by reference therein.

6. ☐ Computer Program in Microfiche (Appendix)7. ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)a. ☐ Paper Copyb. ☐ Computer Readable Copy (identical to computer copy)c. ☐ Statement Verifying Identical Paper and Computer Readable Copy**Accompanying Application Parts**8. ☒ Assignment Papers (cover sheet & document(s))9. ☐ 37 CFR 3.73(B) Statement (when there is an assignee)10. ☐ English Translation Document (if applicable)11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations12. ☐ Preliminary Amendment13. ☒ Acknowledgment Postcard14. ☒ Certificate of Mailing☐ First Class ☒ Express Mail (Specify Label No.): EE355009974US

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Docket No.

POU9-2000-0045-US1

**Accompanying Application Parts (Continued)**15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)16. ☐ Additional Enclosures (please identify below):

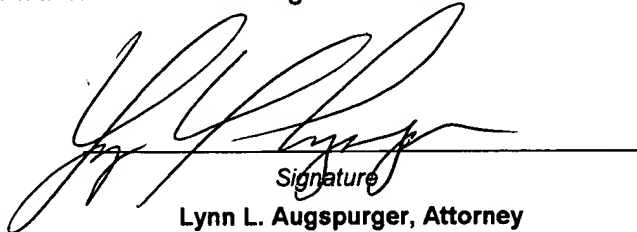
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**Fee Calculation and Transmittal**

CLAIMS AS FILED					
FOR	#FILED	#ALLOWED	#EXTRA	RATE	FEE
Total Claims	4	- 20 =	0	x \$18.00	\$0.00
Indep. Claims	1	- 3 =	0	x \$78.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$690.00
OTHER FEE (specify purpose) _____					
TOTAL FILING FEE					\$690.00

☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 09-0463 as described below. A duplicate copy of this sheet is enclosed.☒ Charge the amount of \$690.00 as filing fee.☒ Credit any overpayment.☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance. pursuant to 37 C.F.R. 1.31(b).

Dated: September 6, 2000

  
Signature

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Docket Number: POU9-2000-0045-US1

HIGH SPEED SOFTWARE DRIVEN EMULATOR  
COMPRISED OF A PLURALITY OF  
EMULATION PROCESSORS WITH IMPROVED  
BOARD-TO-BOARD INTERCONNECTION CABLE  
LENGTH IDENTIFICATION SYSTEM

APPLICATION FOR

UNITED STATES LETTERS PATENT

"Express Mail" Mailing Label No.:EE355009974US

Date of Deposit: September 6, 2000

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deposited with the United States Postal Service  
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Application, Washington, D.C. 20231.

Name: Billy R. Stacy

Signature: Billy R. Stacy  
Billy R. Stacy

INTERNATIONAL BUSINESS MACHINES CORPORATION